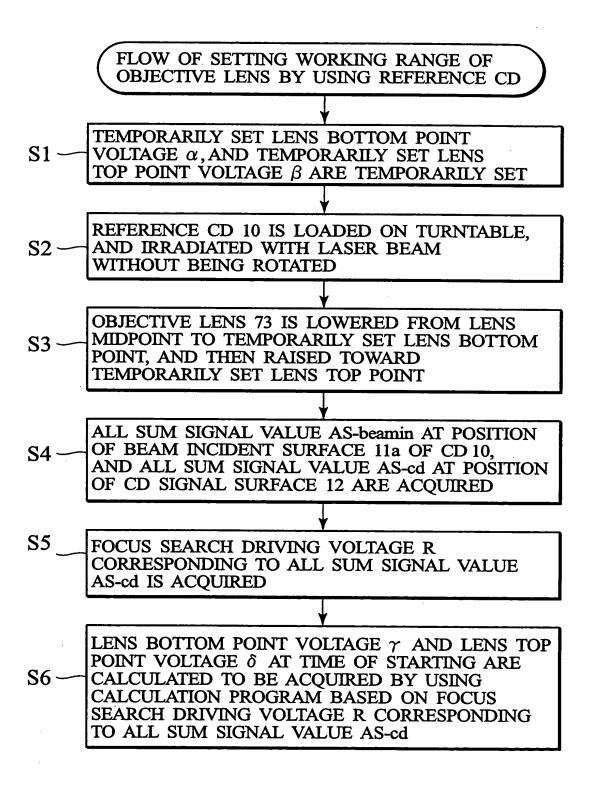
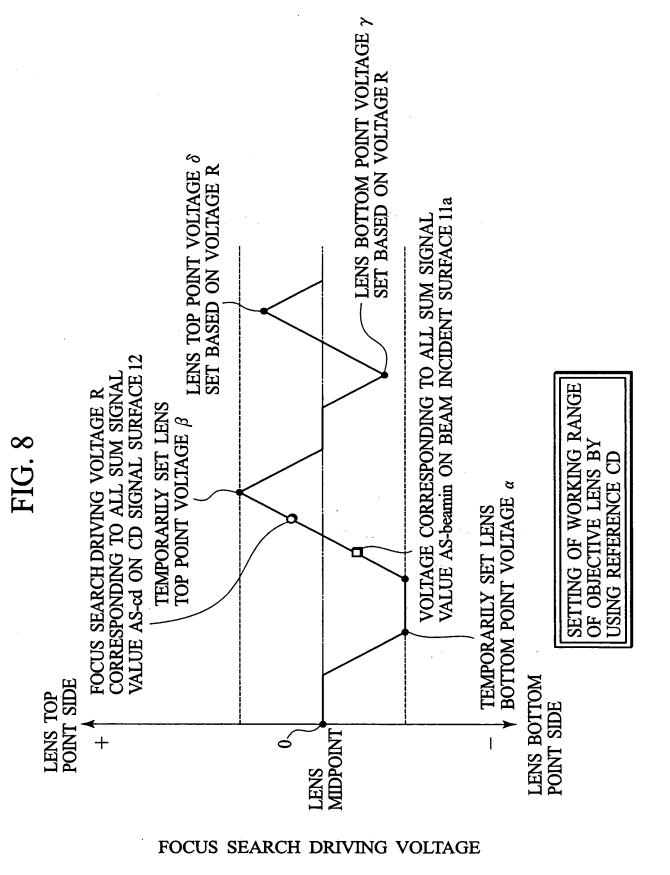
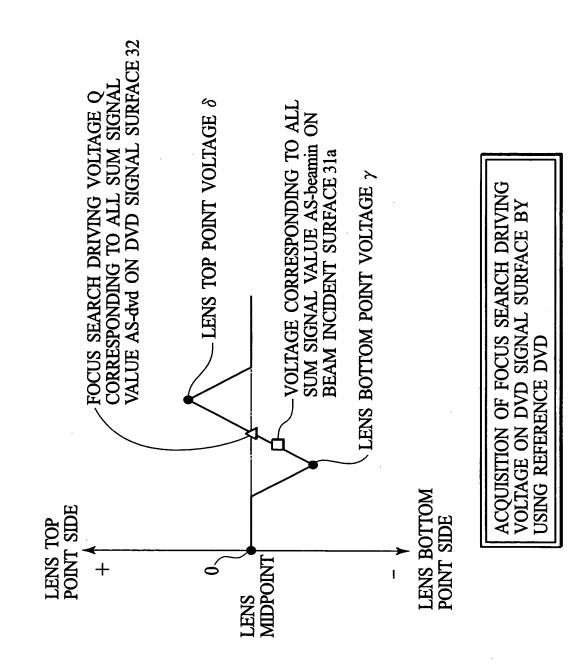


FIG. 7







FOCUS SEARCH DRIVING VOLTAGE

FIG. 10

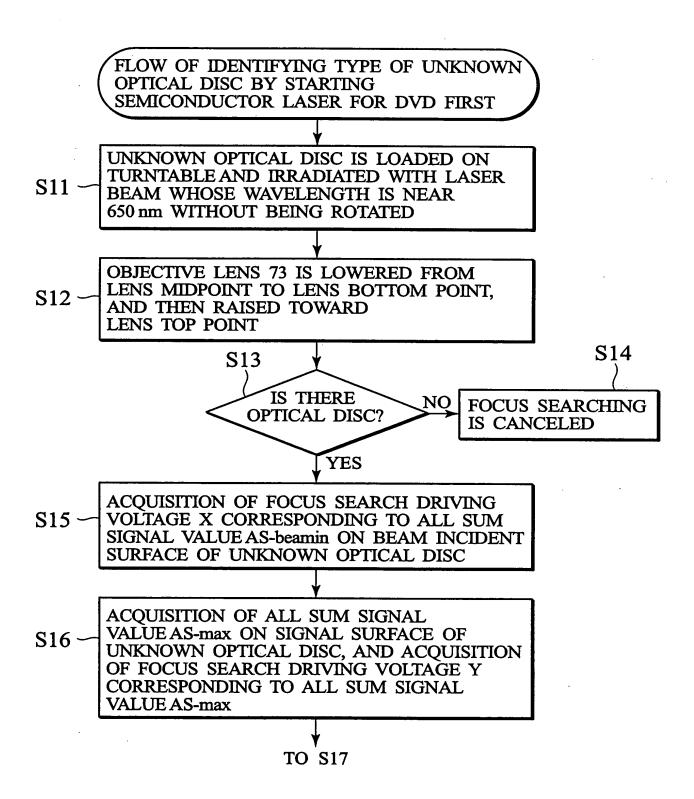
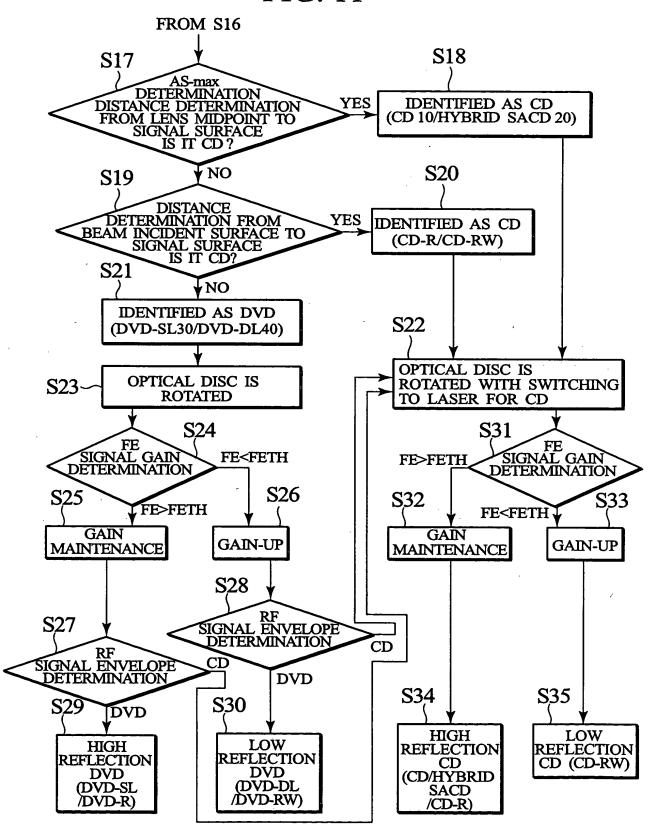
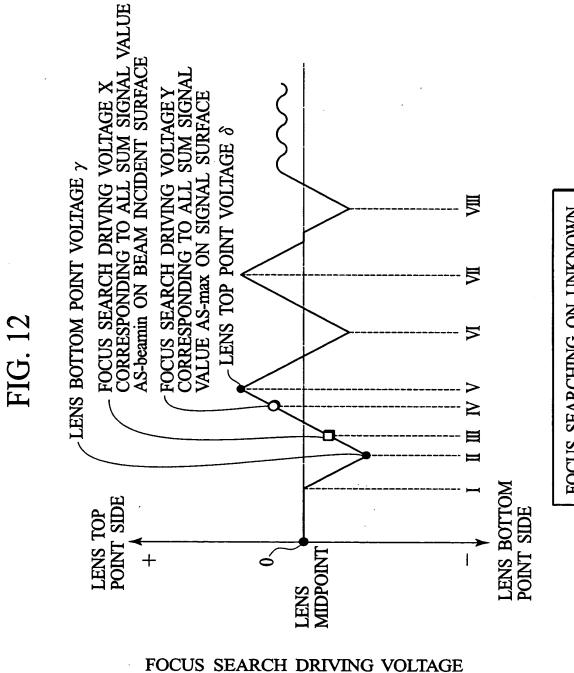


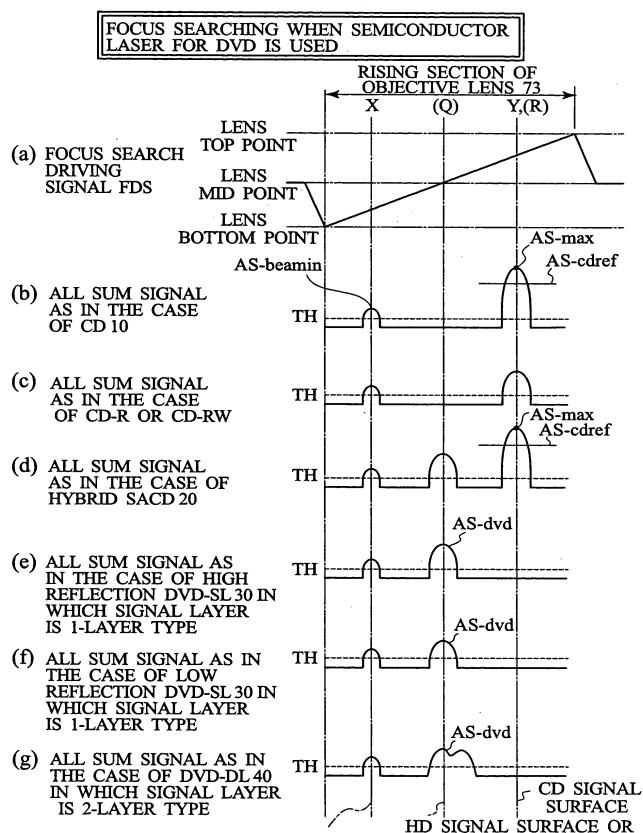
FIG. 11





FOCUS SEARCHING ON UNKNOWN OPTICAL DISC BY OBJECTIVE LENS

13/17 **FIG. 13**



BEAM INCIDENT SURFACE

DVD SIGNAL SURFACE

FIG. 14A

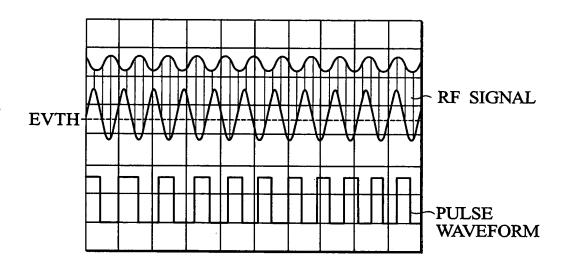


FIG. 14B

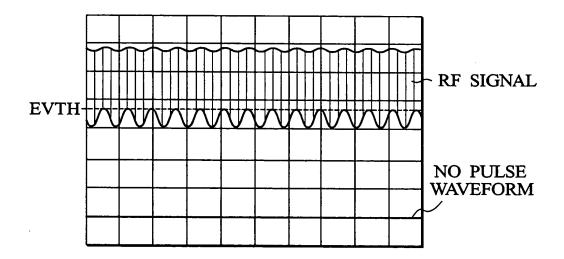


FIG. 15

